

Amendments to the Claims

The following listing of the claims will replace all prior versions, and listings of the claims in the application:

Listing of Claims

1-22. (Canceled)

23. (Previously Presented) A method according to claim 45, wherein the display control information for controlling the display of a status of the data processing apparatus is assigned the identification data corresponding to that status.

24. (Previously Presented) A method according to claim 23 in which a status is displayed by selecting display information associated with the identification data relating to that status, and controlling the display of the status using the display control information.

25. (Previously Presented) A method according to claim 24 in which a status is displayed with its identification data.

26. (Canceled)

27. (Previously Presented) A method according to claim 45, wherein the data processing apparatus stores information relating to its status.

28. (Previously Presented) A method according to claim 27, wherein status update information is determined when the status of the data processing apparatus changes.

29. (Previously Presented) A method according to claim 45, wherein the client terminal stores information relating to the status of the data processing apparatus.

30. (Previously Presented) A method according to claim 29, in which the client terminal compares stored status information with status update information received from the data processing apparatus in response to the subsequent data request in order to determine the updated status.

31. (Previously Presented) A method according to claim 45, wherein the data processing apparatus stores update interval information for controlling an interval for the transmission of status update information.

32. (Previously Presented) A method according to claim 31, in which status requests are provided to the data processing apparatus at an interval based on the update interval information.

33. (Previously Presented) A method according to claim 45, wherein the data processing apparatus is an image forming apparatus.

34. (Previously Presented) A method according to claim 33, in which the status of the data processing apparatus indicates that it is able to perform a print function, or that there is an error.

35. (Previously Presented) A method according to claim 34 in which the status information indicates an error type.

36-37. (Canceled)

38. (Previously Presented) An apparatus according to claim 51, further comprising means for generating status update information when the status of the apparatus changes.

39. (Previously Presented) An apparatus according to claim 51, wherein the display control information is assigned identification data corresponding to that status.

40. (Previously Presented) An apparatus according to claim 39, wherein the status update information comprises information for enabling the client terminal to select identification data assigned to the display control information.

41. (Currently amended) An apparatus according to claim 51, wherein the display control information obtains the display information corresponding to the ~~status~~ status update information.

42. (Previously Presented) An apparatus according to claim 51, wherein the apparatus is an image forming apparatus.

43. (Previously Presented) An apparatus according to claim 42, in which the status information indicates that the apparatus is able to perform a print function, or that there is an error.

44. (Previously Presented) An apparatus according to claim 43 in which the status information indicates an error type.

45. (Currently amended) A method of controlling the display on a client terminal of a status of a data processing apparatus connected to the client terminal via a network comprising:

transmitting a first request for display control information to the data processing apparatus ;

providing the display control information to the client terminal in response to the first request and thereafter storing the display control information;

transmitting a second request for display information to the data processing apparatus based on the stored display control information;

providing the display information from the data processing apparatus to the client terminal in response to the second request, said display information comprising a plurality of icons representative of the status of the data processing apparatus, the display information being stored in the client terminal without being displayed; and

transmitting a third request to the data processing apparatus subsequent to storing the display information, wherein in response to the third status request, the data processing apparatus transmits identification data representative of the status of the data processing apparatus to the client terminal, and whereupon the client terminal displays, based on the identification data, the one and only the one of the plurality of previously stored and un-displayed icons representative of the status of the data processing apparatus.

46. (Previously Presented) The method of claim 45, wherein the display information comprises an ordinary status icon, a slight fault status icon and a grave fault status icon.

47. (Currently amended) The method of claim 45, wherein the data processing apparatus transmits a status information updating frame after transmitting a non-displayed status information storing frame and display information for the the an ordinary status icon, the a slight fault status icon and the a grave fault status icon, wherein the client terminal constructs a frame from the status information storing frame and the status information updating frame.

48. (Currently amended) A system comprising a data processing apparatus and a client terminal arranged to communicate with the data processing apparatus over a network, wherein:

the client terminal is arranged to transmit a first request for display control information;

the data processing apparatus is arranged to transmit the display control information to the client terminal in response to the first request, the display control information being stored in the client terminal;

the client terminal is arranged to transmit a second request for display information to the data processing apparatus based on the stored display control information;

the data processing apparatus is arranged to provide the display information to the client terminal in response to the second request, the display information comprising a plurality of icons representative of the status of the data processing apparatus, the provided display information being stored in the client terminal without being displayed;

the client terminal is arranged to transmit a third request to the data processing apparatus subsequent to the data processing apparatus storing the display information, wherein in response to the third status request, the data processing apparatus transmits identification data

representative of the status of the data processing apparatus to the client terminal, and whereupon the client terminal displays, based on the identification data, the one and only the one of the plurality of previously stored and un-displayed icons representative of the status of the data processing apparatus.

49. (Previously Presented) The system of claim 48, wherein the display information comprises an ordinary status icon, a slight fault status icon and a grave fault status icon.

50. (Currently amended) The system of claim 48, wherein the data processing apparatus transmits a status information updating frame after transmitting a non-displayed status information storing frame comprising display information for the an ordinary status icon, the a slight fault status icon and the a grave fault status icon, wherein the client terminal constructs a frame from the status information storing frame and the status information updating frame.

51. (Currently amended) A data processing apparatus which communicates with a client terminal, the data processing apparatus comprising:

means for storing display control information, said display control information for controlling the client terminal to display the status of the data processing apparatus;

means for storing status information; and

means for communicating with the client terminal;

wherein the communication means is arranged to provide the display control information to the client terminal in response to a first request, provide display information comprising a plurality of icons representative of the status of the data processing apparatus to the client terminal in response to a second request, and to provide status update information to the client terminal in response to a third request, the status update information being provided subsequent to providing the display information,

wherein the display information comprising the plurality of icons is stored and not displayed in the client terminal upon being provided by the communications means, and

wherein the status update information comprises identification data representative of the status of the data processing apparatus, and the client terminal displays, based on the provided

identification data, the one and only the one of the plurality of previously stored and un-
displayed icons representative of the status of the data processing apparatus.

52. (Previously Presented) The data processing apparatus of claim 51, wherein the display information comprises an ordinary status icon, a slight fault status icon and a grave fault status icon.

53. (Currently amended) The data processing apparatus of claim 51, wherein the data processing apparatus transmits a status information updating frame after transmitting a non-displayed status information storing frame comprising display information for the an ordinary status icon, the a slight fault status icon and the a grave fault status icon, wherein the client terminal constructs a frame from the status information storing frame and the status information updating frame.